



Receipt

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hideji Tajima

卷之三

Group Art Unit: 1744

Serial No.: 09/646,653

§ Examiner: N/A

Filed: September 18, 2000

8

**For: APPARATUS FOR INTEGRATED PROCESS
OF MAGNETIC PARTICLES AND METHOD
OF CONTROLLING SAME**

538

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APR 24 2001

Commissioner for Patents

Attn: Office of Initial Patent Examination's Customer Service Center
Washington, D.C. 20231

TC 1703

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

Attached is a copy of the official filing receipt received from the U.S. Patent and Trademark Office in the above-identified divisional patent application in which issuance of a corrected filing receipt is respectfully requested.

There is an error in the title of the invention in that the title "APPARATUS FOR INTEGRATING PROCESSING OF MAGNETIC PARTICLES, AND METHOD OF CONTROLLING THE SAME" should read "APPARATUS FOR INTEGRATED PROCESS OF MAGNETIC PARTICLES AND METHOD OF CONTROLLING SAME." Correction of this error is respectfully requested. Attached is a copy of the title page of the application as originally filed.

The error is not due to any error by applicant and, therefore, no fee is due.

Respectfully submitted,

Warren B. Kice
Registration No. 22,732

Dated: 11/10/01
HAYNES AND BOONE, L.L.P.
3100 Bank of America Plaza
901 Main Street
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File: 10287.37
d-858733.1

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Office of Initial Patent Examination's Customer Service Center, Washington, D.C. 20231

on January 19, 2001

Sandra Kubin



UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY.DOCKET.NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|----------------|----------|------------|------------|
| 09/646,653 | 09/18/2000 | 1744 | 750 | 10287.37 | 22 | 48 | 5 |

Warren B Kice
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OCT 23 2000

HAYNES & BOONE L.L.P.

FILING RECEIPT



OC000000005482827

Date Mailed: 10/19/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

~ Hideji Tajima, Tokyo, JAPAN;

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Continuing Data as Claimed by Applicant

~ THIS APPLICATION IS A 371 OF PCT/JP99/01365 03/18/1999

TC 1700

Foreign Applications

~ JAPAN 10-070980 03/19/1998

| CODE | DATE | ACTION |
|------|-----------|--------------------------------|
| ASA | 3. 18. 01 | AWAITING EXECUTED ASSIGNMT. |
| AOA | 9. 18. 02 | AWAITING OFFICE ACTION |

If Required, Foreign Filing License Granted 10/18/2000

** SMALL ENTITY **

BY:

TMS 10/24/00

Title

~ Apparatus for integrating processing of magnetic particles, and method of controlling the same

Preliminary Class

422

Data entry by : NGUYEN, SON

Team : OIPE

Date: 10/19/2000





LICENSE FOR FOREIGN FILING UNDER
 Title 35, United States Code, Section 184
 Title 37, Code of Federal Regulations, 5.11 & 5.15

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- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
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- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:



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APPARATUS FOR INTEGRATED PROCESS OF MAGNETIC PARTICLES AND
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FIELD OF THE INVENTION

5 The present invention relates to an apparatus for an integrated process of magnetic particles and a method of controlling the same. Particularly, the present invention relates to an apparatus for an integrated process of magnetic particles and a method of controlling the same, which can execute processes such as reaction, separation, fixing quantity, dispensation, clarification, concentration, agitation, 10 suspension, dilution, and operations such as observation, extraction, recovery, isolation, and indications in regard to for example, immune substances such as antibodies or antigens, genetic substances (DNA, RNA, m-RNA and so on), bacillus, and other useful substances such as medicines, or target substances, for medical treatment, inspection, diagnosis, medical care, research, quantitative analysis, 15 qualitative analysis and so on in all manner of fields such as medical science, agricultural science, engineering, scientific fields, pharmaceuticals, by using a fluid incorporating magnetic particles and capable of being processed in large numbers in a vessel such as a microplate.

20 BACKGROUND OF THE INVENTION

Currently, there is a pipette device shown in Fig. 13. As shown in this view, the pipette device has a magnet driving device for controlling to drive a magnetic source M and a holding body V. The magnetic source M having a magnet section and the holding body V having a holding section, are rotatably mounted in an up-down 25 mechanism of the pipette device in such a manner that they can approach and go away from one another.

When the up-down mechanism O moves vertically, as shown in Fig. 13, the magnetic source M and the holding body V move in obedience to movement of rollers R_A R_B of the up-down mechanism O so that they close in a way that they hold a tip